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Farmer

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AND NEW FARM.

Vol. XXVII. BALTIMORE, August 13, 1890. No. 33.

For the Maryland Farmer.

OUR NEW FARM, VIII.

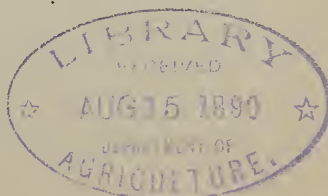
OLD ROAN.—PREPARING LAND.

The last week of my stay in Baltimore, before our removal, I took the advice of a country friend who had tried the experiment and called at the invalid yard of the Fayette St. city passenger cars. There I found a heavy roan horse, young but used up in his front feet by the city pavement. The company a few months previous had given \$150. for this horse, which I purchased for \$45. They were to place it on the cars for me at a certain date.

Charley was sent to the depot the next morning to get the hinges and fastenings for our gates, the paint for our fence and to meet the freight train and bring back our horse, which we had already christened "Old Roan." He did not get back until about ten o'clock. The two weeks

rest in the city and the soft footing in the country seemed to have worked wonders for Old Roan, and although he showed his infirmity occasionally for some months after, he soon became for our use fully worth the price originally paid by the car company. We began to use him immediately and have never regretted the bargain.

While Charley was away I spent my time in getting the barn ready for the horse. In my purchase of the farm I had taken a writing that gave me the hay, oats and corn then in the barn, the farming tools, the carryall, cart, wheelbarrow, grind stone, harness or parts of harness and whatever property was on the premises and did not belong to Mr. Janney personally, for all of which I had paid only a nominal sum. This is the general method when farms are bought in this region, I believe; for this was the proposition on their part and I certainly would not have



thought to include these extras, and at the time thought them of very little account. They proved now to be just what I wanted.

We placed "Old Roan" in the barn and then went to work at our fence. The gates were hung and one coat of paint put on the fence. This was the best we could do, and we worked hard and our wrists were pretty lame when night came. The next day, however, we put on the second coat before noon and with only about one half the labor of the day before. This was much more tiresome work than nailing on the pickets and my wrist was lame for a week after it.

I said to Charley:

"Now, Charley, you and your wife see how we work and we shall want someone on the farm and someone in the house. I have been talking with Mr. Camden and with Mr. Hutchens and they think twenty-five dollars a month would be liberal pay for you both all the year around. What say you?"

And Charley said:

"I'll talk with Lizzie. You see I wouldn't want to do it without talking with her."

Then I said:

"All right, Charley. When you come to-morrow morning let me know."

They took their meals with us for the present but went home at night. While at dinner we heard Charley and Lizzie talking quiet earnestly—so much so that my wife said:

"I wonder what's the matter out in the kitchen? I haven't heard them talk so before."

Pretty soon they began to laugh out there and then my girl said:

"Well, I don't think they are quarrelling, for they seem to be laughing over something."

Then I told wife and daughter, that I

had made Charley an offer and I supposed they were talking it over. It seemed to please my wife and daughter much to think that help in the house was thought necessary just as was help on the farm.

While at work in the afternoon, Charley told me that he would work for me regularly according to my offer in the morning. So that matter was settled to the satisfaction of all concerned.

We examined the harness, and by the aid of some rope hitched Old Roan into the cart and began our first serious work on the soil. This was the thorough cleaning up of the barn yard and carting out all the accumulated manure of the stable and pig-pen to the plot of ground intended to be added to the garden. I worked with Charley an hour on this lay; but soon found that he could do fully as well without my help and I left. I concluded that he had enough before him to last the rest of to-day and all of to-morrow.

For myself, I concluded to lay out my plans for the season's work, and with that view I went off to see how the land lay and about the amount of ploughing which ought to be done.

I found things in no promising condition; but resolved to grow a patch of corn on the land back of the barn, which slopes towards the south east and was rather light soil. There was about two acres there, which I thought would grow sweet corn for market.

Passing the chicken house, which was nearly twenty feet by fifteen, I stepped in to see how things appeared there. I do not think it had been cleaned out for years. The chicken droppings were packed nearly a foot deep over the entire floor of that house, and I wondered how poultry could possibly exist under that condition of things.

After a moment the thought flashed upon me that this was what I wanted for

my sweet corn, and without stopping to plan anything more at that moment I plodded back to the barn for a spade, a pick and the wheelbarrow. My afternoon was spent there, with many resting spells, and an occasional journey to see how Charley was getting along. I commenced at the door and the pick gave me a starting place, and then I took up the droppings in large flakes, wheeled them out of sight of the house and dumped them in a pile, for future handling. It was a large job and I did not get through with it until about noon of the next day.

While Charley was finishing up his work on the garden in prospective, I finished out my work by mixing the droppings with about three times as much of the soil and trying to make it all fine. I found this however an impossibility at first. Here, however, some of my reading came to help me. I made a pile of it in layers and then spent about an hour in bringing water and throwing on the pile. In that condition it lay all night, all the next day and the next night. Then when I put the spade into it I found it just as I wanted it.

While my fertilizer was getting in order I had Charley plow my land. But I saw it was to be a slow and imperfect job, although Charley said:

"Old Roan acted just as if he was used to this work. He walks right along without much driving."

I went over to my neighbor Hutchens, who had a good two horse team and after considerable hesitation he concluded to plow the two acres for my sweet corn, as I wanted that in right off. This was a great help for me.

Meanwhile Charley and Old Roan got the new garden patch in pretty good order although he could not go very deep.

Mr. Hutchins, I observed, did not think very much of my putting two acres in sweet corn. He thought about a quarter of

an acre would be more than we could possibly use. I said nothing about marketing it, for I did not care to be laughed at, or to discuss the matter. I meant to grow sweet corn for the family in the garden, and keep my two acres as a trial crop.

After the plowing of the two acres, I had Charley use the harrow. He went over it twice and then came to see me.

And I said:

"Why, Charley, you ain't done, are you?"

And he answered:

"That is as much as they do, down to Mr. Camden's or Mr. Burns'."

And I said:

"Go over that piece two or three times more, Charley, and then I will come and see how it looks."

So he went back to work, and after about an hour I walked out to see it. He had been over all of it three times, and over part of it four times. It began to look in good order, so I said:

"After you finish this time, you may put away the harrow, get the plow and mark off in rows east and west four feet apart. Be sure and make the rows straight."

I had procured my seed, Mammoth Sweet for my main crop, Stowells' Evergreen for late and Minnesota for very early. We dropped a liberal handful of the fertilizer eighteen inches apart in the rows and two kernels of corn, covering about an inch and a half or two inches with the fine soil.

During this first week of work, we had had one night when a touch of frost had reached us, but it was warm when our planting was finished and no frost came afterward. We will report the result of this venture in the future.

(To be continued next week.)

Daisy Garden Plow }
Daisy Cultivator } are now at our office.
Daisy Seed Sower }
We give them as premiums for subscribers.

POULTRY
and
POULTRY KEEPING,

by

H. R. WALWORTH,

Editor of The Maryland Farmer.

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CHAPTER XVI.

SOME MISTAKES.

This is a department in which no one takes much interest, as almost everyone who attempts to keep poultry believes that he knows all that is worth knowing. But it will be useful reading, if it is only to apprise us of what mistakes some one else is apt to make, who finds failure instead of success.

1. To one who wishes to go into the business it frequently appears as if there was nothing to be learned. Buy a few chickens, let them run and feed them well, and the success is certain. This is the greatest mistake. No one should commence the business until he has made thorough inquiry of practical poultrymen and "read up" the matter. It is as important that you "know how to do it" in this branch of business as in any other. Ignorance cannot handle the poultry business with greater success than it can a steam-engine.

2. The next mistake is to suppose no money is needed to start with. You have a piece of ground, a few dilapidated sheds, and a few scraggly drooping hens, and that is enough. You are mistaken. You need capital at all times to put things in

order and to keep them in order and to supply many of the necessities of the business.

3. Next, you are mistaken when you scour the surrounding country and buy up chickens without regard to their age, their condition, or their character, and expect by numbers to secure success at once. "Five chickens will lay so many eggs, and increase to so many in a year. If I get five hundred, I am fixed at once." It is a plausible reckoning; but such figures will lie—they tell awful lies. Everyone who has tried it discovers this fact. It would be a godsend could all who so reckon learn the lie in it, before they put it to the test.

4. Another mistake is to suppose that anyone they choose to hire can attend to their chicken business. They themselves can spend their time about something more pleasant and profitable. The heavy work of the poultry houses and yards can be done by strong hands and stout backs; but everything connected with the business must have the constant and intelligent oversight of the man, or woman, who knows and is personally interested. Neglect is always the precursor of disaster.

5. They think poultry, if wild, would take care of themselves. But they are not wild. They require fully as much care as any stock on the farm, or any animal in the city or country. To let them shift for themselves especially in winter is both a sin and a shame. It is not only a certain failure, it is criminal.

6. Some do not consider it necessary to give poultry a comfortable home. To supply it with comforts of cleanliness, and give the egg conveniences in which poultry delight. Want of success in poultry keeping is sure to follow. Make their quarters comfortable in both winter and summer. Supply all reasonable wants and thus give the conditions necessary for success.

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7. "A chicken is a chicken" is a great mistake also. "There are chickens and chickens" should be the motto. You cannot expect to make a market success from a three pound chicken as readily as from an eight or ten pound one, there being but little difference in amount of food supply, for a great part of the year.

8. Corn is a good food for poultry, especially so at certain seasons and for certain purposes. The mistake is in thinking it all that is necessary for success. Don't think so for a moment. If you cannot do better poultry will live and grow fat on it, if judiciously administered; but something better is needed in the business.

9. It is a mistake to place your failure, if it comes, on the stock, or the market, or the weather. You are yourself the responsible party. The success is waiting on your knowledge, your attention, your care of your flock—on the thousand and one little things which you should personally do and which you have left undone.

10. A mistake is often experienced in the details of selling the stock, whether of eggs or poultry. It will always pay you to have some one who knows how to do this, if you do not yourself know how. If you put your mind to it, however, it is easy enough to learn how, when and where to sell to advantage.

11. Do not make the sad mistake of supposing you need only the latest highly praised, loudly advertised breed to secure success. Many make this mistake. A breed of chickens should be thoroughly tested in every respect—most of all, by time—before becoming a dependence in the poultry yard for business purposes.

12. A list of mistakes, important neglects, and small items of practice might be added:

a. Water allowed to stand in the sun in Summer to become warm, stale and unhealthy.

b. Food allowed to lie on the ground, or soft food left to become sour, after the the poultry are satisfied.

c. Forced in winter to eat snow instead of being supplied frequently with water the icy chill of which is removed.

d. Expecting all profits from eggs alone and not caring for market stock in connexion with egg products.

e. Not stopping the houses and sheds from leaking nor keeping the yard fences tight and in good order.

f. Leaving the door of the poultry house unlocked till the birds are stolen.

g. Leaving the poultry exits open at night for the entrance of dogs, cats, skunks and other chicken enemies.

h. Allowing the poultry houses to remain uncleared until the stench becomes an abomination, and the flock is ruined.

i. Neglecting the nests until their foulness is a standing reproach upon the owner of the flock.

j. Permitting lice to accumulate until no one cares to enter the house, lest he carry them away on his clothing.

k. Forgetting to use white wash liberally and often.

l. Expecting that ample ventilation will take the place of cleanliness and save from cholera.

(To be continued next week.)

THREE HARVEST EXCURSIONS.

The Burlington Route, C. B. & Q. R. R. will sell on Tuesdays, September 9th and 23d, and October 14, Harvest Excursion Tickets at *Half Rates* to points in the Farming Regions of the West, Southwest and Northwest. Limit thirty days. For circular giving details concerning tickets, rates, time of trains, etc., and for descriptive land folder, call on your ticket agent, or address P. S. EUSTIS, Gen'l. Pass. and Ticket Agent, Chicago, Ill.

Sometimes the lover who is fired with passion for the daughter is put out by the father.

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CECIL COUNTY FAIR.

Among the wide-awake Agricultural Fairs in Maryland none surpass the Cecil County Fair, held at Elkton. The grounds are beautifully situated and so handy to the cars that it is no trouble to reach it with the heaviest articles of merchandise or the most bulky of agricultural implements.

It is particularly adapted to the display of Agricultural Machinery, and it will reach a very large circle of the most enterprising farmers, who do not hesitate to invest in whatever is needed to help in their work. Manufacturers should especially make it a point to send a full specimen supply of their very best machines to this Fair. During the past year some of our subscribers in Cecil county have purchased

very costly hay presses, reapers and mowers, and other machines of less extent, of which we have received notice. If seen and explained at the Fair a great impetus will be given in this direction.

This should also be a favorable year for the exhibition of stock, as the dangers of contagious diseases are at a minimum. The Poultry department should be as complete as exhibitors can make it; for it is destined to become a very great industry in the near future.

The premiums offered by the managers are generous and the special premiums are both varied and numerous. See notice of Fairs in another column for time and Secretary, if you would learn further particulars or wish the premium list.

THAT BOYCOTT.

While the proposed boycott of Northern Merchants and Manufacturers by the entire South, in case of the passage of the force bill through Congress, is generally believed to be unwise and impracticable at present, it cannot be disguised that it will certainly be put into practice to some extent and in some shape. The strong prejudices excited by the measure will show themselves in that the aggrieved will trade with those opposed to this law, and carefully avoid those who have favored it. This is human nature. The South too will not be slow in its preparations to meet such exigencies in the future, by cultivating every needed industry for the supply of home necessities. This is of course only the natural result of all such agitations. However much we may deprecate such a course, it will come, nevertheless, and it is not well to shut our eyes to the fact. Threatened increase of taxes and threatened interference with the peaceful occupations of communities, awaken the desire to repel those who propose it.

THE ALLIANCE.

We heartily commend to our readers this organization. Let them make it a power in our State and add the strength of their work to the benefit which it may accomplish for the farmers of our country.

It is their mission to prevent hereafter the rule of gigantic corporations, trusts, combinations and capital over the counsels of our government. To destroy the rule of political parties which have in view only the good of those who are able to pay liberally for favors. To reverse that order of things which enables a few thousand wealthy men to dictate the taxes which shall continue them in power and debase the millions of their fellow citizens.

They have a great and noble work before them, and every farmer should strengthen their hands.

"ECONOMY ON THE FARM."

This seems to be a very popular subject at present in most of our exchanges. Economy is a good thing always; but it is all "bosh" to keep harping on the subject as especially the duty of farmers. It is no more their duty than it is the duty of any other class. It is unfortunately a necessity with them. But, if farmers were treated fairly by other classes and the laws of our land, there would be no necessity for a rigid economy on their part, any more than on the part of the manufacturer who is now above all thoughts of economy. Better exhort farmers to take some action for their honest rights, rather than counsel them to hug their present lot humbly to their bosoms and say and do nothing to better it.

Help your County Fair, it will help you.

SWINE PEST.

A bot fly seems to be infesting swine in the region of Petersburg, Va. and killing them in a curious manner. The bot when hatched penetrates the neck and windpipe and strangles the hog to death. Very many have thus been killed, so that it was thought to be a strange disease epidemic in that region. Make a note of this. The Dept. at Washington is examining the subject.

MARYLAND FAIRS.

When held, and address of Secretary.

Baltimore Co., Timonium, Sept. 2—5
H. C. Longnecker, Sec'y., Towson, Md.

Cecil Co., Elkton, Oct. 7—10.
John Partridge, Sec'y., Elkton, Md.

Frederick Co., Frederick, Oct. 14—17.
Geo. W. Cramer, Sec'y., Frederick, Md.

Montgomery County Sept. 3—5.
John E. Manchester, Sec'y., Norbeck, Md.

Talbot Co., Easton, Sept. 23—26.

Washington Co. Hagerstown, Oct. 14—17.
P. A. Witmer, Sec'y., Hagerstown, Md.

Maryland State }
combined with } Bel Air, Sep. 30—Oct. 3.
Harford Co. }
James W. McNabb, Sec'y., Bel Air Md.

Williams' Grove, Pa., Aug. 25—31
R. H. Thomas, General Manager,
Mechanicsburg, Pa.

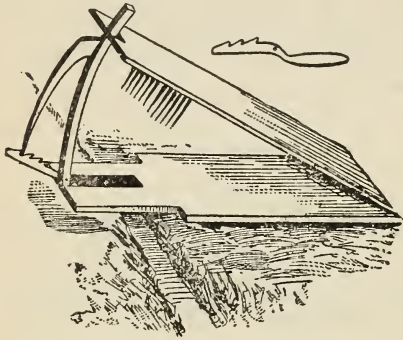
Farmers' Encampment, }
Mt. Gretna Park, Pa. } Aug. 17—23.
Address—Ex. Com., Harrisburg, Pa.

An Autumn Proposal.—He (as they stand on the balcony): "It is very bright within, and very drear without, is it not?" She: "Without what?" He (inspired): "You."

TRAPPING GROUND MOLES.

A Good and Simple Contrivance which May Be Successfully Used.

The trap here illustrated is made of two ash boards, a full inch in thickness, seven inches in width and two feet six inches long, attached to one end by a broad butt hinge. The form given to the bottom board is shown in the cut, the central slit being made to admit the



THE TRAP SET ACROSS A MOLE TRACK. free play of the trigger, which is represented by itself in the corner of the illustration. It is of iron, ten inches long, the lower part shaped like a paddle, five inches long, one and one-eighth inches wide, and the left hand end, notched as shown, and three-quarters of an inch wide perpendicularly. The post, sixteen inches high, is curved to the circular sweep of the top board on its hinge. The teeth, six in number on each side, are riveted seven-eighths of an inch apart, in a plate five and one-fourth inches long and one inch wide, containing four screw holes, placed zigzag, and this is found much firmer and more secure than if the teeth were inserted directly in the upper plank.

The trap is set, as shown in the cut, across a mole track, first digging a hole eight inches square and six inches deep, and returning the soil, taking care to exclude all stones and large pebbles. Press the earth down pretty firmly, and set the trap so that the trigger touches the surface of the ground exactly over the line of the track. When the mole goes along his accustomed road, and finds it obstructed, his movements in re-opening the track inevitably heave up the surface, so as to set off the trigger, and the teeth on one side or the other will catch him. Weight the trap with a heavy flat stone.—Southern Cultivator.

A HOMEMADE HARROW.

The Story of a Homemade Harrow As Told by a Michigan Farmer For the Benefit of The Rural New Yorker's Readers.

"Three years ago," says the ingenious inventor of the unpatented harrow illustrated in the accompanying cuts, "I made my harrow, intending it for harrowing corn and potatoes. On testing it I found it far excelled any spike toothed harrow I had ever used for fining lumpy soil or

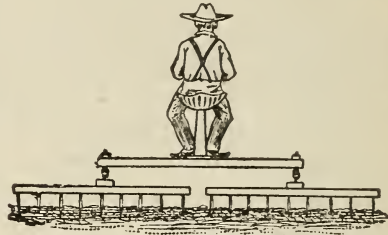


FIG. 1.—A HOMEMADE HARROW.

for harrowing a timothy or clover sod. I use an 'Acme' where I want deep tillage, but for all ordinary harrowing my slant tooth has proven itself invaluable." The tooth bars are made of 2x2 inch pine, riveted with a quarter inch rivet at every tooth. The teeth are of three-eighths inch steel, about six inches long,



length required. For free pamphlet showing "Why Ensilage Pays," and for free descriptive and illustrated catalogue of the best Tread-powers, Lever-powers, Threshers, Clover-hullers, Wood Saw-machines, Feed-mills and Fanning-mills, send to the old and reliable Empire Agricultural Works, over 30 years under same management. **MINARD HARDER**, Proprietor, Cobleskill, N. Y.

We mail Fanny Field's Poultry Book for 25 cents. Send for it. Address, Maryland Farmer.

and driven in even with the wood on a slant of forty degrees. The harrow is made in two sections. On top of the tooth bars, in the centre of each section, is a 2x4 inch pine cleat or cross bar bolted to each tooth bar near the front edge of tooth bar. Near each end of the tooth bars is a thin, hardwood cross bar bolted to each tooth bar near the back edge and on the under side of the tooth bars. This arrangement of bolting the cross bars keeps the tooth bars from twisting.

The sections are braced as shown. Both of them are hinged together by a braced frame made of two 2x4 inch sticks, with an inch oak board bolted across the center and extending in front to draw the harrow by. The frame and sections are fastened together by swivel bolts. Handles made from smooth fence wire for lifting the harrow in trashy ground are also shown. The seat is from an old McCormick mower, and is what is called the adjustable sliding seat. By sliding the seat to the right the driver can balance the harrow perfectly. The teeth are placed seven and a half inches apart in the tooth bar, and the bars the same distance apart, center to center, so that this harrow has a tooth to every one and a half inches, and the ends do as good work as the middle.

The materials can be bought, with the exception of the seat, for \$3 or \$4. Being nearly all made of pine it is very light, and can be used for cross harrowing potatoes after they are up with only one horse, thus avoiding stepping on half the plants that would be trodden on by two horses. In harrowing the corn it just fits three rows, three feet nine inches apart. The teeth are so close and the tooth bar so low that it is almost im-

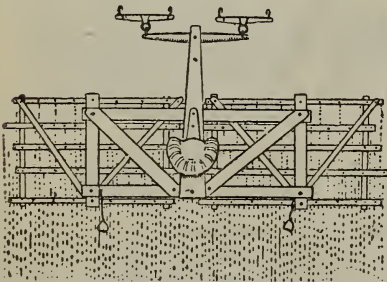


FIG. 2.—HOMEMADE HARROW.

possible for lumps to get through it. It can be worked with one, two or three horses, and on account of its slanting

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Hearts Longing Gavotte.	Jungmann .30
Heel and Toe Polka. Op. 200.	Faust .30
Home, Sweet, Home. Var.	Rimbault .30
In Mischief Waltz Lancers.	Dressler .60
Little Fairy Mazurka.	Streabbog .35
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The Amateur World, Baltimore, Md.

teeth can be drawn anywhere, across bridges and over grass land, without injury to the harrow or grass.

Summer Care of Poultry.

It ought not to be supposed that fowls need no special care in summer, for in this season the young are subject to many diseases which older ones are able to resist. Besides this, insects of all kinds abound at this time, of which the fowls have their full share, and against such they should have all the protection possible. Cleanliness in their surroundings is the important thing, and the best preventive not only of diseases but of insects as well. The hen house and roosting places should not only be kept clean, but should be made untenanted by fowl vermin by the use of insecticides. Of these kerosene is one of the very best, and from its very low price it may be used in the most liberal manner, either pure or as an emulsion. If used to kill lice on fowls themselves it should be highly diluted and applied sparingly, and on little chicks not at all. By greasing the older ones a little with lard under the wings and on the head, and furnishing them with a good plate where they can wallow and dust at will, they will soon rid themselves of lice if their runs and roosts are not infested.

Decrease in Cattle.

The decrease in Colorado, Wyoming and Texas commenced four years ago, but since then has been great. In 1836 Texas had 2,000,000 more bovine numbers than it has today, and Colorado, Wyoming and New Mexico had four years ago about 1,000,000 more than they have now. In Kansas, Nebraska, Iowa and the northwest there has been a shrinkage of as many more. Hard winters and low prices for beef have brought this about.

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Oil meal fed liberally to hogs keeps their bowels open and keeps them healthy. Western Agriculturist reports a farmer in Iowa who lost fifteen hogs by cholera, when he got some oil meal and fed it freely and lost no more hogs. Oil meal is good feed for any stock, and especially for hogs fed on corn until they become feverish and constipated and an easy prey to the cholera. Roots and a variety of food are desirable for hogs.

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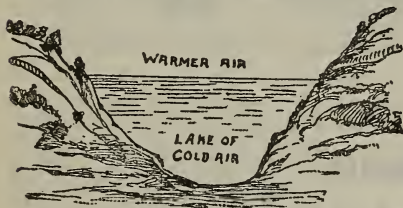
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**Surprising Number and Variety of the
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Orchard — Orchards in Cold Valleys.
Stock Notes.**

We furnished to the public many years ago a full statement of many instances in which crops of half tender fruits, such as peaches and nectarines, were destroyed by the frosts of winter when planted in sheltered valleys, while those on exposed hills escaped. The soil was rich in the valleys and favorable to the free growth of the trees; and sheltered from the bleak winds of elevated grounds, they were erroneously supposed by some persons to be safer there than on more exposed localities. The cold air on sharp winter nights, made heavier by the exposure, rolled down the sides of the valleys, and filled the bottom with a lake of cold air, while warmer air remained above. The accompanying figure represents this result distinctly.

We have known a difference in sixty feet of altitude to make all the difference between an uninjured crop of peaches on the hill, and its entire destruction at the bottom of the valley. This effect is increased, and the trees as well as the crop sometimes destroyed on account of the rank and succulent growth in the richer soil below, rendering them liable to winter killing, while the well ripened and well hardened growth on a drier and more compact soil were proof against the frost. It sometimes happens, however, that trees growing low down on a compact, well drained and



AIR IN A VALLEY.

moderately fertile soil, will succeed better than those higher up, if on a mucky and water soaked piece of ground.

In a climate of milder winters, and where the peach crop is never killed by weather below zero, a late English writer says: "I do not believe in planting fruit trees in the bottom of valleys. This is often done to secure the rich soil. But it is of little benefit to the

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grower to realize a strong growth and an abundant flowering, if his crop is destroyed in the flowering by the spring frosts—which has repeatedly happened the last few years in certain localities.” This further illustrates the same difficulty—that of frosts in valleys for tender growth.

In all cases, whether high or low in situation, thorough underdrainage should be always given to the ground where orchards are to be planted, unless a good natural drainage already exists with the soil. Those who are about setting out new peach and other orchards the present autumn, or preparing the land and trees for them next spring, will find it advantageous to select situations least subject to sharp valley frosts, and to provide in advance ample drainage.—Country Gentleman.

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Single Comb Boxes or Sections Demanded in City Markets.

Honey in the comb is a fancy article, a luxury for which the consumer will pay a good price only when presented in neat and attractive form. It is essential to the producer that a fair price be obtained, for comb honey costs him more than does the extracted article. According to estimates made by apiarists of experience, it costs all the way from five to eight cents per pound to produce extracted honey, and from about seven to thirteen cents to produce honey in the comb. Messrs. Newman, Cook, Root, Doolittle (in fact every beekeeper of prominence) lay great stress on the importance of grading the honey, presenting it in attractive packages of convenient size and labeling it with the kind of bloom which produced it and the producer's name and address.

G. M. Doolittle says: “Comb honey in boxes ought to be taken from the hive as soon after it is finished as possible. If allowed to stay in the hive for weeks after it has been sealed over, permitting the bees to give it a dirty yellow color, it will not obtain the highest market price.” There will be cells next to the box that are partly filled with honey, but not sealed over, and when taken from the hive if the box is turned sidewise, the honey being thin, will run out. Thomas G. Newman names as the remedy for this a small, warm room. Bees evapo-

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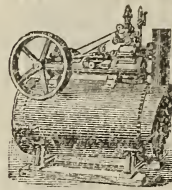
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DeZ. Walworth, Baltimore, Md.

rate their honey by heat, and therefore if we keep our honey in good condition for market we must keep it as the bees do, in such position that it will grow thicker instead of thinner all the while.

The market demands comb honey in single comb boxes or sections. These are cheap, and with their use one gets honey in attractive form. There are two sizes of sections that have become everywhere popular; the prize section, which is $5\frac{1}{2} \times 6\frac{1}{2}$ inches, and holds two pounds of honey,

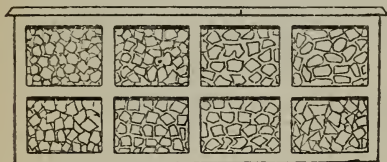


FIG 1

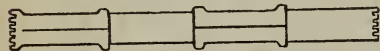


FIG 2

FRAME WITH POUND SECTIONS—ONE PIECE SECTION, UNBENT.

and the one pound section, which is $4\frac{1}{2}$ inches square. In addition to these are half pound sections, which in some localities, notably Chicago and Boston, are greatly liked by consumers. The one pound section, $4\frac{1}{2} \times 4\frac{1}{2}$ inches in size, is especially commended by Professor Cook and Mr. Newman. This size was made in order to get eight sections into a broad frame for the Langstroth hive for side storing. Mr. Newman says it can also be used over the brood frames, if the second story be of the same size as the lower one. If produced in these, which are standard sizes, honey can be readily sold at remunerative prices. The best section is made of a single piece of white wood with three cross cuts, so that it can be easily bent into a square. The fourth angle unites by notches and projections. They are quickly bent if dampened before bending. Professor Cook prefers these to the dovetailed sections. Dr. C. C. Miller, Mr. Heddon and others prefer sections fastened by a sort of mortise and tenon arrangement. There are two methods of placing sections in position, one by use of frames and the other by crates; both have earnest advocates.

When the sections are removed glass them if the market demands it. Glass boxes appear to be preferred in the east, while the unglased sections are the sort most used in the west. "If shipped

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We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

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West Jersey Nursery Co., Choice New & Standard Fruits. Bridgeton, N. J.

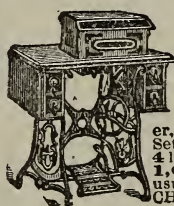
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Wm. Parry, Nursery Stock; Small Fruits. Grapes, etc. Parry, N. J.

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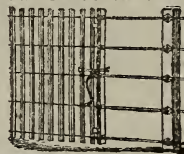
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away to market do not pack in straw or chaff," says Mr. Newman, "but put in small crates containing a single tier and place with the top far downward. See to its packing in the car, wagon or vehicle, and place the combs lengthwise to the engine, but crosswise to the horses."

Horse Breeding.

The Western Agriculturist has the following to say on horse breeding: Breed for a special class of horses. No half way draft horse is large enough to bring the best prices, besides we have millions of little, cheap scrubs and cheap trotters that can be bought cheaper than you can raise them. You can sell a pair of good draft horses and buy half a dozen of them, so we cannot afford to use the heavy draft team to hack around with, but a farmer who has a fine team of 1,600 or 1,800 pound grade draft horses takes a commendable pride in driving them to town occasionally and have the dealers offer him \$400 or \$500 for them. Then, too, they can haul a load that is a load and they can run a big sulkey plow just as deep as you want it. A pair of such mares is a fortune to any farmer to work and to raise more colts of the same kind.

Agricultural News and Notes.

It is proposed to apply electricity to the irrigation of some of the dry and sterile districts of California.

The premium list of the first exhibition of the New York and New England Agricultural and Industrial society, Sept. 24-30, together with other information, may be obtained on application to Jacob C. Cuyler, 445 Broadway, the secretary of the committee in charge.

About 14,000 people have responded to the offer by the legislature of New South Wales of a reward for the best mode suggested for exterminating rabbits in Australia. Among the best models of apparatus sent in is that of an Illinois farmer, Mr. J. W. Funk, to whom it appears not unlikely the prize may fall.

Where any sign of mole burrow is seen take a small stick and make a hole from the surface straight downward into the burrow. Then pour in a spoonful of salt. Afterward fill the hole with dirt. The salt being applied in this way, about ten feet apart, will run moles out of any size lot, says a correspondent in The Southern Cultivator.

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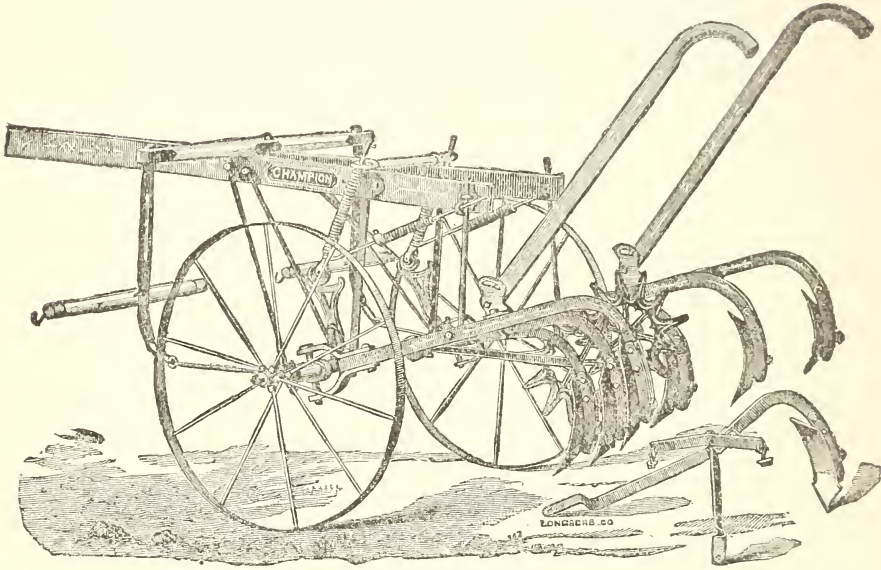
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My Clementine.....	Stults	.40
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